

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A location information service supporting method comprising:

a location information obtaining service in which a location information service supporting gateway, situated between a first network including a mobile network and a second network, receives information from a mobile device in the first network used to indicate locating capability of the mobile device, selects at least one locating method, from a plurality of locating methods, for locating the mobile device based on the received information from the mobile device, and obtains a location information of the mobile device using the selected locating method indicating the location of a locating target person, ~~via the first network and a~~ the mobile device accompanied with the locating target person, so that a service provider provides a service relating to the location of the locating target person; and

a location information sending service in which the location information service supporting gateway sends the location information to a destination designated by the service provider via the first or the second network.

2. (Original) A location information service supporting method of claim 1, wherein, in the location information sending service, the location information service supporting gateway sends the location information to the service provider.

3. (Original) A location information service supporting method of claim 1, wherein the second network includes a mobile network, and

wherein, in the location information sending service, the location information service supporting gateway sends the location information to a destination designated by the service provider via this mobile network.

4. (Original) A location information service supporting method of claim 1, wherein, on behalf of the service provider, the location information service supporting gateway certifies a locating target person or a person who receives a service.
5. (Original) A location information service supporting method of claim 1, wherein, on behalf of the service provider, the location information service supporting gateway determines if locating a locating target person is possible.
6. (Original) A location information service supporting method of claim 1, wherein, in the location information sending service, the location information service supporting gateway changes the format of the location information into a format suitable for a service that uses the location information, and sends to a destination designated by a service provider that provides this service.
7. (Original) A location information service supporting method of claim 1, wherein, in the location information sending service, the location information service supporting gateway changes the format of the location information into a format suitable for a service that uses the location information, and sends to a service provider that provides this service.
8. (Original) A location information service supporting method of claim 1, wherein the location information service supporting gateway collects a service charge for the location information obtaining service and the location information sending service from at least one of the service providers, the locating target person, or a target person of service by the service provider.

9. (Currently Amended) A location information service supporting method of claim 1,

wherein the location information service supporting gateway accumulates, for each of the service, ~~[[the]]~~ a number of task processes incurred due to the provision of the service, and collects a service charge according to the number of the task processes from at least one of the service providers that provide the service, the locating target person, or a target person of service by the service provider.

10. (Original) A location information service supporting method of claim 1,

wherein at least one of the location information service supporting gateway or a communication carrier that provides a wireless communication service to the mobile device collects a service charge for a service provided by the service provider on behalf of the service provider.

11. (Previously Presented) A location information service supporting method of claim 1,

wherein the location information service supporting gateway provides an advertisement to a mobile device accompanying the locating target person, collects advertisement fee from the advertiser and pays to the service provider the advertisement fee as all or a part of the service charge for the service provided by the service provider.

12. (Canceled)

13. (Canceled)

14. (Currently Amended) A location information service supporting method of claim ~~[[12]]~~1.

wherein at least one of the location information service supporting gateway or a communication carrier that provides a wireless communication service to the mobile device collects, on behalf of a manager of the selected locating ~~means~~ method, a locating fee due to a location by the selected locating ~~means~~ method.

15. (Original) A location information service supporting method of claim 1, wherein the location information service supporting gateway carries out the location information obtaining service and the location information sending service on schedule determined in advance.
16. (Original) A location information service supporting method of claim 1, wherein the location information service supporting gateway periodically carries out the location information obtaining service to acquire a moving direction and a moving speed of the locating target person, and, in the location information sending service, sends the moving direction and the moving speed together with the location information.
17. (Original) A location information service supporting method of claim 1, wherein, in the location information sending service, the location information service supporting gateway checks the reaching of location information to a destination and sends an arrival notification to a mobile device of the locating target person.
18. (Currently Amended) A location information service supporting gateway situated between a first network including a mobile network and a second network comprising:
a location information obtaining means for receiving information from a mobile device in the first network used to indicate locating capability of the mobile device, for selecting at least one locating method, from a plurality of locating methods, for locating the mobile device based on the received information from the mobile device, and for obtaining a location information of the mobile device using the selected locating method indicating the location of a locating target person, via the first network and a the mobile device

accompanied with the locating target person, so that a service provider provides a service relating to the location of the locating target person; and

a location information obtaining service in which a location information service supporting gateway, situated between a first network including a mobile network and a second network, a location information sending means for sending the location information to a destination designated by the service provider via the first or the second network.

19. (Original) A location information service supporting gateway of claim 18, further comprising:

a means for certifying a locating target person or a person who receives a service on behalf of the service provider.

20. (Currently Amended) A location information service supporting gateway of claim 18, further comprising:

a means for changing ~~[[the]]~~ a format of the location information into a format suitable for a service that uses the location information.

21. (Canceled)

22. (Original) A location information service supporting gateway of claim 18, further comprising:

an accumulating means for determining at least one of the amount of processes accumulated due to obtaining location information by the location information obtaining means or due to sending location information by the location information sending means; and

a collecting means for collecting a service charge according to the amount of accumulated processes from at least one of the service providers, the locating target person, an owner of the locating means, or a target person of the service.

23. (New) A location information service supporting method of claim 1, wherein the location information service supporting gateway determines a type of mobile device based on the information received from the mobile device; and

wherein the location information service supporting gateway selects the locating method based on the determined type of mobile device.

24. (New) A location information service supporting method of claim 23, wherein the location information service supporting gateway receives the information used to indicate locating ability of the mobile device in a locate-request from the mobile device.

25. (New) A location information service supporting method of claim 23, wherein the type of mobile device comprises a mobile device with a GPS function; and

wherein the locating method selected uses as an input latitude and longitude information provided by the GPS function of the mobile device in order to determine a location of the mobile device, the determined location of the mobile device being different from the latitude and longitude information provided by the GPS function.

26. (New) A location information service supporting gateway of claim 18, wherein the location information obtaining means determines a type of mobile device based on the information received from the mobile device; and

wherein the location information obtaining means selects the locating method based on the determined type of mobile device.

27. (New) A location information service supporting gateway of claim 26, wherein the location information obtaining means receives the information used to indicate locating ability of the mobile device in a locate-request from the mobile device.

28. (New) A location information service supporting gateway of claim 26, wherein the type of mobile device comprises a mobile device with a GPS function; and

wherein the locating method selected uses as an input latitude and longitude information provided by the GPS function of the mobile device in order to determine a location of the mobile device, the determined location of the mobile device being different from the latitude and longitude information provided by the GPS function.